

RELATIVE RATINGS OF U.S.PERFINS

0131

BY

CLAUDE W.CAIN

Editors Note: Mr.Cain, a long time member of the Perfins Club and outstanding collector of United States Perfins, is most qualified to present this list of the RELATIVE RATING of U.S.Perfins according to the scarcity of each perfin. Mr.Cain worked closely with the following Perfins Club members in this work: Alfred Bartleson, Carl M.Swenson, Al Finley, L.R.Murray, L.G.Ludwig, K.F.Lougee, E.L.Fish, and others. If you should have questions or comments regarding this rating list, please write:

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LEGEND

"A" RARE
"B" SCARCE
"C" DIFFICULT
"D" COMMON
"E" VERY COMMON

Only about five known copies
About 50 in existence
Found in the 2400-3600 collections
Found in collections up to 2400 types
Make up bulk of the "under 1200" group

CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE
A 1 D	A 35 C	A 72 C	A 102-a E	A 128 E
A 1a C	A 36 C	A 73 C	A 102-b C	A 129 D
A 2 D	A 37 C	A 74 C	A 103 A	A 130 B
A 3 C	A 38 D	A 74.5 B	A 103-a E	A 131 C
A 4 A	A 39 D	A 75 C	A 104 B	A 132 C
A 5 C	A 40 D	A 76 E	A 105 B	A 133 B
A 6 C	A 41 C	A 77 C	A 106 E	A 134a D
A 7 B	A 42 C	A 78 E	A 107 D	A 134b E
A 8 C	A 43 C	A 79 B	A 108 D	A 135 D
A 9 C	A 44 C	A 79.5 B	A 109 A	A 135.5 B
A 10 C	A 45 C	A 80 E	A 110 C	A 136 C
A 11 C	A 46 D	A 81 B	A 110.5 A	A 137 C
A 12 E	A 46XX B	A 82.5 C	A 111 C	A 138 E
A 13 B	A 47 D	A 82.7 C	A 112 C	A 139 B
A 14 C	A 48 C	A 83.5 B	A 113 C	A 140 C
A 15 A	A 50 E	A 84 C	A 114 E	A 141 C
A 16 C	A 51 D	A 85 A	A 114.5 C	A 142 D
A 17 C	A 52 C	A 86 C	A 115 C	A 143 C
A 18 E	A 53 C	A 87 D	A 116 C	A 144 C
A 19 C	A 54 D	A 88 C	A 116A C	A 146 C
A 20 A	A 55 B	A 89 C	A 117 C	A 146.5 A
A 21 C	A 56 C	A 90 C	A 118 B	A 148 C
A 22 C	A 57 E	A 91 D	A 119 E	A 149 D
A 23 A	A 58 D	A 92 C	A 120 E	A 150 D
A 24 D	A 59 D	A 93 C	A 121 B	A 151 C
A 25 C	A 60 E	A 94 E	A 121.1 D	A 153 C
A 26 C	A 61 C	A 94a E	A 121.2 C	A 154 D
A 27 A	A 62 C	A 95 D	A 121.3 D	A 155 D
A 28 -	A 63 E	A 96 D	A 122 B	A 156 B
A 29 C	A 64 D	A 97 C	A 123 C	A 157 C
A 30 B	A 65 E	A 98 D	A 124 C	A 158 C
A 31 C	A 68 C	A 99 E	A 124.5 B	A 159 C
A 32 D	A 69 E	A 100 A	A 125 C	A 160 C
A 33 C	A 70 D	A 101 A	A 126 C	A 161 C
A 34 C	A 71 C	A 102 A	A 127 C	A 162 C

CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE	
A 163	C	A 207	C	A 221.40	C	A 268	E	A 303	C
A 164	C	A 209	B	A 221.41	C	A 268.5	B	A 304	C
A 165	B	A 210	C	A 221.42	C	A 269	B	A 305	C
A 166	D	A 211	B	A 221.43	B	A 270.1	E	A 305.5	A
A 167	D	A 212	C	A 221.44	E	A 270.2	E	A 306	C
A 167.3	A	A 213	A	A 222	C	A 270.3	D		
A 167.5	C	A 213.5	B	A 223	C	A 270.4	A		
A 168	E	A 214	C	A 224	C	A 270.5	C		
A 169	C	A 215	C	A 225	C	A 270.6	C		
A 170	C	A 216	B	A 226	C	A 270.7	B	B 1	B
A 171	C	A 218	C	A 227	B	A 270.8	B	B 2	C
A 172	D	A 219	B	A 228	A	A 270.9	D	B 3	E
A 173	D	A 220	A	A 229	E	A 270.10	D	B 4	B
A 173.5	A	A 221.1	E	A 230	D	A 270.11	D	B 5	C
A 174	B	A 221.2	C	A 230.5	C	A 270.12	C	B 5.5	C
A 175	C	A 221.3	D	A 231	C	A 270.13	C	B 6	C
A 176	E	A 221.4	C	A 232	A	A 270.14	E	B 7	D
A 176.5	E	A 221.5	A	A 233	B	A 270.15	D	B 8	B
A 177	A	A 221.6	D	A 234	C	A 270.16	C	B 9	B
A 178	D	A 221.7	C	A 235	D	A 270.165	C	B 10	C
A 179	C	A 221.8	C	A 236	C	A 270.17	C	B 11	C
A 179.5	C	A 221.9	C	A 236.5	A	A 270.175	A	B 12	C
A 180	C	A 221.10	A	A 238	C	A 270.18	D	B 12.5	D
A 181	C	A 221.11	A	A 239	D	A 270.19	C	B 12.6	C
A 182	C	A 221.12	C	A 240	A	A 270.20	C	B 12.7	B
A 182.5	B	A 221.13	C	A 241	D	A 271	E	B 12.9	C
A 183	C	A 221.13.5	A	A 242	D	A 272	E	B 13	C
A 184	C	A 221.14	C	A 243	D	A 273	C	B 14	D
A 184.5	C	A 221.15	D	A 244	E	A 275	C	B 15	E
A 185	C	A 221.16	C	A 245	A	A 276	D	B 15.5	C
A 186	A	A 221.17	D	A 246	A	A 277	E	B 16	B
A 187.1	A	A 221.18	C	A 247	D	A 278	C	B 17	E
A 187.2	C	A 221.19	C	A 247.5	D	A 280	E	B 18	C
A 187.3	C	A 221.20	B	A 248	C	A 281	C	B 19	C
A 187.4	E	A 221.21	D	A 248.3	A	A 283	B	B 20	B
A 187.5	E	A 221.22	E	A 248.5	A	A 283.5	B	B 21	C
A 188	C	A 221.23	D	A 249	D	A 284	C	B 22	D
A 189	A	A 221.24	D	A 250	C	A 284xxx	E	B 23	C
A 190	C	A 221.25	D	A 251	D	A 285	D	B 24	A
A 191	B	A 221.25.5	B	A 252	A	A 286	B	B 25	A
A 192	C	A 221.26	E	A 252.5	A	A 287	E	B26	C
A 193	D	A 221.27	C	A 253	B	A 288	C	B 27	C
A 193.5	B	A 221.28	D	A 254	E	A 288.5	C	B 28	E
A 194	C	A 221.28a	E	A 255	B	A 289	D	B 29	D
A 195	C	A 221.29	D	A 256	C	A 289.5	A	B 30	D
A 196	A	A 221.30	A	A 257	B	A 290	A	B 31	D
A 197	C	A 221.30.8	C	A 258	C	A 291	D	B 31.5	B
A 198	B	A 221.31	C	A 259	C	A 292	C	B 32	B
A 198.5	B	A 221.32	D	A 260	A	A 293	B	B 33	D
A 199	C	A 221.33	C	A 261	C	A 294	C	B 33.5	A
A 200	E	A 221.34	C	A 261.5	D	A 295	C	B 34	E
A 201	E	A 221.35	D	A 262	D	A 296	C	B 35	B
A 202	B	A 221.36	E	A 263	E	A 297	C	B 36	A
A 203	C	A 221.37	C	A 264	C	A 298	C	B 37	C
A 204	E	A 221.37.9	C	A 265	C	A 299	D	B 38	C
A 205	C	A 221.38	C	A 266	D	A 300	A	B 39	B
A 205.5	C	A 221.39	A	A 267a	E	A 301	A	B 40	D
A 206	B	A 221.39.5	B	A 267b	D	A 302	B	B 41	D

CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE	
B 42	E	B 93	E	B 116.37	C	B 157	B	B 208	A
B 43	C	B 94	B	B 116.38	C	B 158	D	B 209	B
B 44	C	B 96	C	B 116.39	C	B 158.5	B	B 210	D
B 45	E	B 96.5	C	B 116.40	C	B 159	C	B 211	C
B 46	D	B 97	E	B 116.41	B	B 160	E	B 212	C
B 47	A	B 98	E	B 116.42	C	B 161	D	B 213	C
B 48	C	B 99	C	B 116.43	C	B 162	E	B 214	E
B 49	D	B 100	B	B 116.44	C	B 163	D	B 215	E
B 50	D	B 101	E	B 116.45	B	B 163.5	B	B 216	A
B 51	A	B 102	B	B 116.46	D	B 164	C	B 217	C
B 52	D	B 103	E	B 116.47	C	B 165	E	B 218	C
B 53	D	B 104	C	B 116.48	B	B 165.5	A	B 219	C
B 53.5	D	B 105	C	B 116.49	B	B 165.7	A	B 220	E
B 54	E	B 106	C	B 117	E	B 166	B	B 222	C
B 55	A	B 107	B	B 118	C	B 167	C	B 222.5	C
B 56	C	B 108	B	B 119	C	B 167.5	A	B 223	A
B 58	C	B 109	B	B 120	E	B 168	D	B 223.5	B
B 59	D	B 110	C	B 121	A	B 169	B	B 224	E
B 60	C	B 111	B	B 121.5	A	B 170	C	B 225	E
B 61	C	B 112	E	B 122	C	B 170.5	B	B 226	E
B 62	C	B 113	B	B 123	C	B 170.7	B	B 226.5	C
B 63	B	B 114	C	B 124	D	B 171	C	B 227	C
B 63.5	B	B 115	C	B 125	B	B 172	E	B 228	E
B 64	B	B 116.1	E	B 126	D	B 172.5	A	B 229	D
B 64.5	A	B 116.2	D	B 127	C	B 173	D	B 230	A
B 65	B	B 116.3	C	B 127.5	C	B 174	E	B 231	C
B 66	A	B 116.4	C	B 127.7	A	B 175	A	B 233	E
B 67	B	B 116.5	C	B 128	C	B 176	E	B 235	C
B 67.5	A	B 116.8	D	B 129	B	B 177	E	B 235.5	C
B 68	B	B 116.9	C	B 129.5	B	B 177.5	D	B 236	C
B 69	C	B 116.10	D	B 131	B	B 178	C	B 237	E
B 70	C	B 116.11	D	B 132	C	B 179	D	B 237.5	A
B 73	C	B 116.12	C	B 133	C	B 180	E	B 237.7	A
B 74	D	B 116.13	C	B 134	D	B 181	E	B 238	E
B 75	A	B 116.14	C	B 135	A	B 182	C	B 238.5	E
B 76	E	B 116.15	D	B 136	C	B 183	D	B 239	E
B 76.5	A	B 116.16	C	B 137	C	B 185	B	B 240	C
B 77	E	B 116.17	C	B 137.5	C	B 186	C	B 241	E
B 78	D	B 116.18	C	B 138	E	B 187	C	B 242	C
B 79	C	B 116.19	C	B 139	E	B 188	C	B 243	A
B 80	C	B 116.20	D	B 140	C	B 189	A	B 244	C
B 81	D	B 116.21	C	B 141	D	B 190	D	B 244.5	C
B 82	C	B 116.22	D	B 142	A	B 191	A	B 245	D
B 83	D	B 116.23	C	B 143	C	B 192	C	B 246	C
B 84	D	B 116.24	C	B 144	C	B 193	C	B 247	C
B 85	C	B 116.25	D	B 145	E	B 194	C	B 247.5	A
B 86	C	B 116.26	C	B 146	E	B 195	E	B 248	C
B 86.5	C	B 116.27	D	B 147	C	B 196	D	B 249	E
B 86.7	-	B 116.275	B	B 148	C	B 197	B	B 249.5	A
B 87	C	B 116.28	D	B 149	A	B 198	E	B 250	C
B 87.5	B	B 116.29	C	B 150	C	B 199	C	B 251	A
B 88	B	B 116.30	A	B 151	B	B 199.5	A	B 252	E
B 88xx	A	B 116.31	D	B 152	C	B 202	C	B 252.5	E
B 89	E	B 116.32	C	B 153	E	B 203	C	B 253	C
B 89.5	E	B 116.33	D	B 154	C	B 204	C	B 254	E
B 90	E	B 116.34	D	B 154.5	A	B 205	E	B 255	A
B 91	D	B 116.35	B	B 155	C	B 206	A	B 256	C
B 92	C	B 116.36	A	B 156	D	B 207	D	B 257	C

CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE	
B 258	E	C 12.5	A	C 58	A	C 121	B	C 173	C
B 258.5	B	C 13	D	C 59	C	C 122	C	C 174	E
B 259	A	C 14	A	C 60	B	C 122.5	A	C 175	B
B 260	C	C 15	D	C 61	D	C 123	C	C 176	C
B 261	C	C 16	E	C 61.5	A	C 124	E	C 176.5	D
B 262	A	C 17	B	C 62	E	C 125	C	C 177	A
B 262.5	A	C 18	C	C 63	E	C 127	A	C 177.5	B
B 263	C	C 19	C	C 64	C	C 128	A	C 178	B
B 264	C	C 20	D	C 65	C	C 129	A	C 179	C
B 265	C	C 21	C	C 66	B	C 129.5	B	C 180	E
B 266	C	C 22	C	C 67	C	C 130	C	C 181	C
B 267	A	C 22.5	A	C 68	A	C 131	C	C 182	D
B 268	B	C 22.7	B	C 69	E	C 131.5	B	C 183	C
B 269	C	C 23	C	C 70	D	C 132	E	C 183.5	A
B 270	C	C 24	E	C 71	C	C 133	C	C 184	E
B 271	C	C 24a	E	C 73	D	C 134	C	C 185.5	A
B 272	C	C 24b	E	C 73.5	A	C 134.5	C	C 186	C
B 273	C	C 24c	D	C 74	C	C 135	C	C 187	B
B 274	B	C 24d	A	C 76	D	C 136	C	C 188	E
B 274.5	A	C 24e	E	C 77	A	C 137	C	C 188.5	A
B 275	E	C 24f	E	C 80	C	C 138	D	C 189	E
B 276	C	C 24.5	E	C 81	D	C 138.5	B	C 190	E
B 277	E	C 25	B	C 82	C	C 139	D	C 191	B
B 278	E	C 25.5	B	C 83	E	C 140	C	C 191.5	C
B 279	E	C 26	B	C 84	E	C 141	C	C 192	C
B 279.5	E	C 27	D	C 86	C	C 142	E	C 193	A
B 280	E	C 28	E	C 87	C	C 143	B	C 194	E
B 281	E	C 29	C	C 89	B	C 144	A	C 195	C
B 282	A	C 30	C	C 90	C	C 145	C	C 196	C
B 284	C	C 31	B	C 91	C	C 146	E	C 197	C
B 285	B	C 32	C	C 92	A	C 147	E	C 197.5	B
B 286	C	C 33	E	C 93	D	C 148	C	C 198	E
B 287	B	C 34	C	C 94	E	C 149	E	C 198.5	B
B 287.5	D	C 35	C	C 93.5	A	C 150	E	C 199	B
B 288	B	C 36	C	C 95	E	C 151	D	C 200	E
B 289	C	C 37	B	C 96	C	C 152	C	C 200.5	B
B 290	C	C 38	B	C 97	B	C 154	D	C 201	E
B 291	B	C 38.5	A	C 98	B	C 155	E	C 202	C
B 292	E	C 38.7	A	C 99	C	C 156	C	C 203	C
B 293	B	C 39	C	C 100	C	C 157	C	C 204	D
B 293.5	C	C 40	C	C 101	C	C 158	C	C 204.3	A
B 294	A	C 40.5	A	C 102	C	C 159	C	C 204.5	B
B 295	D	C 41	D	C 104	B	C 160	C	C 205	B
		C 42	C	C 105	C	C 161	C	C 206	C
		C 43	E	C 106	C	C 161.5	B	C 207	C
C 1	B	C 44	E	C 107	A	C 162	C	C 208	C
C 2	C	C 45	E	C 108	B	C 163	C	C 208.5	B
C 3	D	C 46	C	C 109	D	C 164	E	C 209	B
C 4	C	C 47	B	C 110	C	C 164.5	A	C 210	B
C 5	C	C 48	B	C 111	E	C 164.7	A	C 211	E
C 6	C	C 49	C	C 112	A	C 165	A	C 212	D
C 7	C	C 50	A	C 113	D	C 165.5	C	C 213	C
C 8	C	C 51	E	C 114	C	C 166	A	C 214	E
C 9	C	C 52	C	C 115	A	C 167	E	C 215	A
C 10	C	C 53	A	C 116	A	C 168	C	C 216	E
C 11	C	C 54	C	C 117	E	C 169	C	C 217	D
C 11.5	C	C 55	B	C 118	C	C 170	D	C 218	D
C 11.7	B	C 56	E	C 119	D	C 171	E	C 219	E
C 12	E	C 57	E	C 120	C	C 172	C	C 221	C

CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE	
C 222	C	C 269	C	C 325	E	C 372	C	C 422	E
C 223	E	C 270	D	C 326	C	C 372.5	A	C 423	E
C 224	C	C 272	E	C 327	E	C 374	C	C 424	E
C 225	A	C 273	C	C 328	C	C 375	E	C 425	D
C 226	A	C 274	B	C 329	C	C 376	E	C 426	C
C 227	A	C 275	A	C 330	C	C 377	C	C 427	C
C 228	E	C 276	A	C 334	E	C 378	C	C 428	C
C 229	E	C 277	A	C 334.5	A	C 379	E	C 429	C
C 230	C	C 278	E	C 335	C	C 380	D	C 430	C
C 230.5	A	C 279	E	C 336	C	C 380.5	B	C 431	D
C 231	C	C 280	E	C 337	A	C 381	C	C 432	A
C 232	D	C 281	C	C 338	C	C 382	D	C 433	D
C 232.5	C	C 281.5	A	C 339	C	C 382xx	B	C 434	D
C 233	E	C 282.5	B	C 340	C	C 384	D		
C 233.5	A	C 283	C	C 341	D	C 385	C		
C 233.5a	A	C 284	E	C 342	E	C 385.5	B		
C 234	C	C 285	A	C 343	A	C 386	C		
C 235	E	C 286	B	C 344	C	C 387	B	D 0.5	B
C 236	E	C 287	B	C 345	E	C 388	D	D 1	C
C 236.5	A	C 288	D	C 346	C	C 389	A	D 2	A
C 237	C	C 289	C	C 347	E	C 390	C	D 3	E
C 238	E	C 290	E	C 348	C	C 391	D	D 4	D
C 239	C	C 290.5	A	C 348.5	A	C 391.5	D	D 5	B
C 240	B	C 291	E	C 349	B	C 392	C	D 6	C
C 241	C	C 292	A	C 350	B	C 392.5	C	D 7	C
C 242	E	C 293	A	C 351	C	C 392.7	A	D 8	C
C 242.5	C	C 294	E	C 352	B	C 393	C	D 9	C
C 242.7	A	C 295	E	C 353	E	C 394	D	D 10	B
C 243	D	C 296	A	C 354	C	C 395	E	D 11	B
C 244	C	C 297	E	C 355	C	C 396	C	D 12	C
C 245	D	C 298	C	C 356a	E	C 398	B	D 13	E
C 246	E	C 299	C	C 356ax	C	C 398.5	A	D 14	B
C 247	B	C 300	C	C 356b	B	C 399	E	D 15	B
C 248	B	C 301	C	C 356c	C	C 400	B	D 16	C
C 248.5	B	C 302	E	C 356d	D	C 401	C	D 17	D
C 249	C	C 303	A	C 356e	E	C 401.5	A	D 18	D
C 250	B	C 304	C	C 356f	A	C 402	E	D 19	B
C 251	E	C 305	C	C 356g	A	C 403	E	D 20	E
C 251.5	B	C 306	C	C 356h	D	C 404	E	D 20.5	B
C 252	C	C 307	B	C 356i	D	C 405	C	D 21	E
C 253	A	C 308	B	C 356j	C	C 405.5	A	D 21.5	C
C 254	A	C 309	A	C 356k	A	C 406	C	D 22	C
C 255	B	C 310	C	C 356l	C	C 407	C	D 23	C
C 256	E	C 311	D	C 356m	E	C 408	C	D 24	C
C 257	C	C 312	D	C 358	C	C 409	D	D 25	B
C 258	E	C 313	A	C 359	C	C 410	D	D 26	E
C 259	E	C 314	C	C 360	E	C 411	B	D 27	C
C 260	C	C 315	C	C 361.5	A	C 412	C	D 28	D
C 261	C	C 316	C	C 362	E	C 413	C	D 29	A
C 261.5	A	C 317	C	C 364	C	C 414	C	D 29.5	A
C 262	E	C 318	C	C 365	C	C 414.5	A	D 30	B
C 263	D	C 319	C	C 366	A	C 415	C	D 31	C
C 264	E	C 320	A	C 366xx	A	C 416	E	D 31.5	B
C 265	C	C 321	D	C 367	C	C 417	E	D 32	B
C 265.5	C	C 321.5	A	C 369	D	C 418	E	D 33	C
C 266	C	C 322	B	C 370	B	C 419	D	D 34	A
C 267	C	C 323	C	C 371	B	C 420	C	D 35	C
C 268	A	C 324	D	C 371.7	A	C 421	C	D 36	E

CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE	
D 37	B	D 90	C	D 147	B	E 45	B	E 99	D
D 38	E	D 91	C	D 147a	C	E 45.5	A	E 100	D
D 39	B	D 92	C	D 148	E	E 46	C	E 101	C
D 40	B	D 93	C	D 149	E	E 47	C	E 103	E
D 42	E	D 94	D	D 150	A	E 48	C	E 105	E
D 43	D	D 95	C	D 151	C	E 49	D	E 107	C
D 44	E	D 96	E	D 152	C	E 50	E	E 108	D
D 45	B	D 97	C	D 153	E	E 50.5	A	E 109	E
D 46	D	D 98	C	D 154	E	E 51	C	E 110	C
D 46.5	A	D 99	C	D 155	E	E 52	B	E 111	E
D 47	D	D 100	C			E 53	A	E 113	C
D 48	B	D 101	D			E 54	E	E 114	E
D 49	E	D 102	B	E 1	B	E 55	B	E 116	D
D 49.5	C	D 102.5	B	E 2	C	E 56	C	E 117	E
D 50	C	D 103	C	E 3	E	E 57	C	E 118	C
D 51	B	D 104	D	E 4	C	E 58	E	E 119	E
D 52	C	D 107	C	E 5	C	E 59	D	E 120	E
D 53	C	D 108	C	E 6	B	E 60	D	E 121	C
D 54	C	D 109	B	E 7	C	E 61	C	E 122	C
D 55	C	D 110	E	E 8	B	E 62	C	E 123	C
D 56	E	D 111	E	E 9	C	E 63	E	E 123.5	B
D 57	E	D 112	B	E 11	D	E 64	B	E 124	C
D 58	C	D 113	D	E 12	A	E 65	D	E 124.5	E
D 59	C	D 114	C	E 13	B	E 65.5	A	E 125	C
D 61	E	D 115	D	E 13.5	B	E 66	E	E 126	C
D 61.5	E	D 116	D	E 13.9	A	E 67	D	E 127	C
D 62	B	D 117	C	E 14	C	E 68	D	E 128	A
D 63	C	D 118	C	E 15	D	E 69	E	E 129	A
D 63.5	A	D 119	E	E 16	D	E 70	E	E 130	D
D 64	A	D 120	E	E 17	C	E 71	C	E 131	C
D 65	B	D 121	D	E 18	C	E 72	C	E 131.5	B
D 66	C	D 122	A	E 19	B	E 73	E	E 132	A
D 67	E	D 123	C	E 20	C	E 74	C	E 132.5	C
D 68	E	D 124	E	E 22	C	E 75	B	E 133	D
D 69	C	D 125	E	E 23	C	E 76	B	E 134	E
D 70	C	D 126	C	E 23.5	B	E 77	C	E 135	D
D 71	C	D 127	C	E 24	D	E 78	C	E 136a	C
D 72	C	D 128	D	E 25	A	E 79	D	E 136b	C
D 73	C	D 129	E	E 26	C	E 80	A	E 137	C
D 73.5	C	D 129.5	D	E 27	B	E 81	A	E 138	C
D 73.7	E	D 130	E	E 28	D	E 82	B	E 140	C
D 74	C	D 131	E	E 29	C	E 83	C		
D 74.5	C	D 132	E	E 30	C	E 84	C		
D 75	C	D 133	E	E 31	E	E 84.5	A		
D 76	C	D 134	A	E 32	B	E 85	B		
D 77	B	D 135	C	E 33	C	E 86	B		
D 78	B	D 136	C	E 34	D	E 87	C		
D 79	C	D 137	C	E 35	A	E 87.5	A		
D 80	C	D 138	C	E 35.5	C	E 88	C		
D 81	E	D 139	E	E 36	B	E 89	B		
D 82	E	D 140	E	E 37	C	E 90	B		
D 83	C	D 141	C	E 38	C	E 91	B		
D 84	C	D 142	C	E 39	C	E 92	B		
D 85	C	D 143	C	E 40	B	E 93	E		
D 86	B	D 144	D	E 41	B	E 94	D		
D 87	A	D 144.3	B	E 42	D	E 95	B		
D 88	E	D 144.5	B	E 43	C	E 96	E		
D 88.5	A	D 145	B	E 44	B	E 97	C		
D 89	E	D 146	D			E 98	D		

F 1	E	F 56	C	F 113	D	F 171	D	F 231	C
F 2	C	F 57	B	F 114	D	F 172	E	F 232	E
F 3	B	F 58	C	F 114.5	C	F 173	B	F 233	E
F 4	B	F 59	D	F 115	D	F 174	C	F 234	E
F 5	B	F 60	E	F 116	D	F 175	E		
F 6	A	F 61	C	F 118	E	F 176	C		
F 7	C	F 62	D	F 119	C	F 177	D	G 1	B
F 8	E	F 63	B	F 120	D	F 178	D	G 2	C
F 9	C	F 63.5	C	F 121	A	F 179	C	G 3	C
F 10	C	F 64	E	F 122	E	F 182	B	G 3.5	A
F 11	D	F 65	D	F 123	D	F 183	E	G 4	E
F 12	D	F 66	C	F 124	D	F 184	A	G 5	E
F 13	B	F 68	E	F 125	A	F 185	D	G 6	B
F 14	C	F 68A	E	F 126	E	F 186	D	G 7	B
F 15	B	F 69	B	F 127	E	F 187	D	G 8	D
F 16	B	F 70	C	F 128	E	F 188	C	G 9	C
F 17	E	F 71	E	F 129	C	F 189	B	G 10	B
F 18	D	F 72	D	F 130	D	F 190	B	G 11	C
F 19	C	F 73	E	F 131	B	F 191	B	G 12	B
F 20	A	F 74	D	F 132	C	F 193	C	G 13	D
F 21	B	F 75	B	F 133	A	F 194	A	G 14	C
F 22	D	F 76	C	F 134	E	F 194.5	A	G 15	C
F 23	D	F 77	D	F 135	C	F 195	D	G 16	C
F 24	C	F 78	E	F 136	C	F 196	B	G 17	E
F 25	D	F 79	E	F 138	D	F 197	E	G 18	D
F 25A	C	F 80	E	F 139	B	F 198	E	G 19	D
F 26	B	F 81	C	F 140	C	F 198.5	A	G 20	C
F 27	D	F 82	D	F 142	D	F 199	C	G 21	B
F 28	D	F 83	B	F 143	B	F 200	C	G 22	C
F 30	B	F 84	C	F 144	C	F 201	E	G 23	C
F 31	C	F 85	D	F 145	D	F 203	E	G 23xx	D
F 32	B	F 86	E	F 146	C	F 204	D	G 24	E
F 33	B	F 87	E	F 147	D	F 205	C	G 25	C
F 34	D	F 89	B	F 148	C	F 205.5	A	G 26	C
F 34.5	B	F 90	E	F 150	C	F 206	C	G 27	C
F 35	C	F 91	B	F 151	B	F 207	C	G 28	C
F 36	C	F 92	C	F 151.5	B	F 208	C	G 29	B
F 37	C	F 93	B	F 152	A	F 209	E	G 30	D
F 37.5	B	F 95	E	F 153	E	F 210	D	G 31	B
F 38	C	F 96	E	F 154	D	F 211	C	G 32	D
F 39	C	F 97	C	F 155	C	F 212	E	G 33	A
F 39.5	C	F 98	D	F 156	E	F 213	B	G 34	A
F 40	B	F 99	B	F 157	E	F 214	B	G 35	C
F 41	C	F 99.5	A	F 158	D	F 215	C	G 36	E
F 42	D	F 100	B	F 158.5	D	F 216	E	G 37	B
F 42.5	C	F 101	B	F 159	D	F 217	D	G 37.5	D
F 43	E	F 102	B	F 160	A	F 218	A	G 38	E
F 44	B	F 103	C	F 161	E	F 219	E	G 39	D
F 45	D	F 104	B	F 162	D	F 220	B	G 40	C
F 46	C	F 104xx	A	F 163	C	F 221	E	G 41	B
F 47	B	F 105	B	F 164	D	F 222	C	G 42	E
F 48	D	F 106	D	F 165A	E	F 223	C	G 43	C
F 49	C	F 106.5	B	F 165B	C	F 224	C	G 44	A
F 49.5	A	F 108	D	F 166	E	F 226	C	G 45	C
F 50	C	F 109	C	F 167	E	F 227	D	G 46	A
F 51	C	F 110	D	F 168	E	F 228	C	G 47	D
F 53.5	A	F 110.5	C	F 169	E	F 229	B	G 48	B
F 54	B	F 112	C	F 170	E	F 230	B		

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G 49	C	G 72-34	A	G 108	E	G 160	C	G 212	C
G 49xx	E	-35	E	G 109	C	G 161	C	G 213	C
G 50	D	-36	D	G 110	B	G 161.5	C	G 122.5	A
G 51	E	-37	C	G 111	B	G 162	C		
G 52	A	-38	D	G 112	E	G 163	C		
G 53	B	-39	E	G 113	B	G 164	C		
G 53.5	A	-40	E	G 114	C	G 165	C	H 1	C
G 54	E	-42	D	G 115	D	G 165.5	B	H 2	B
G 55	C	-43	A	G 115.5	A	G 166	D	H 3	C
G 56	A	-44	D	G 116	E	G 166.5	C	H 4	C
G 57	C	-45	A	G 117	C	G 167	A	H 6	C
G 58	B	-46	E	G 118	D	G 168	C	H 7	B
G 59	D	-47	A	G 119	D	G 169	B	H 8	E
G 60	B	-48	D	G 119.5	B	G 170	C	H 9	C
G 61	D	-49	E	G 120	D	G 171	B	H 10	C
G 62	D	-50	B	G 120.5	A	G 171.5	C	H 10.5	A
G 63	B	-51	D	G 121	A	G 172	E	H 11	C
G 64	B	-52	E	G 122	B	G 173	C	H 12	D
G 65	B	-53	A	G 123	C	G 174	E	H 13	C
G 66	B	G 73	C	G 123.5	A	G 175	C	H 14	D
G 67	D	G 73.5	A	G 124	A	G 176	A	H 15	E
G 68	C	G 74	C	G 125	C	G 177	E	H 16	B
G 69	E	G 75	C	G 126	B	G 178	C	H 17	B
G 70	E	G 76	E	G 127	B	G 179	C	H 18	D
G 71	D	G 77	C	G 128	E	G 180	A	H 19.5	A
G 72-1	E	G 78	D	G 129	E	G 181	E	H 20	E
-2	E	G 79	A	G 130	A	G 182	C	H 21	C
-3	D	G 80	C	G 132	E	G 183	E	H 22	E
-4	E	G 81	C	G 134	B	G 184	E	H 23	C
-5	D	G 82	B	G 136	B	G 185	C	H 24	C
-6	A	G 83	C	G 137	C	G 186	B	H 25	B
-7	E	G 84	C	G 137.5	A	G 187	D	H 26	C
-8	E	G 84.5	A	G 138	C	G 188	C	H 27	D
-9	E	G 85	B	G 139	E	G 189	D	H 28	C
-10	E	G 85.5	A	G 140	B	G 190	C	H 29	D
-11	E	G 86	D	G 141	B	G 191	C	H 30	B
-12	A	G 87	B	G 144	D	G 192	D	H 30.5	A
-13	C	G 88	A	G 145	D	G 193	B	H 31	C
-14	E	G 89	A	G 146	C	G 194	C	H 32	D
-15	E	G 90	C	G 147	C	G 195	C	H 33	C
-16	A	G 91	E	G 148	C	G 196	B	H 34	C
-17	E	G 92	B	G 149	C	G 197	C	H 35	C
-18	E	G 93	C	G 150	E	G 198	C	H 36	D
-19	A	G 94	B	G 151	C	G 199	C	HH 37	C
-20	D	G 95	B	G 152	E	G 199.5	A	H 38	A
-21	E	G 96	A	G 153	D	G 200	B	H 39	D
-22	A	G 97	B	G 154	D	G 201	C	H 40	B
-23	E	G 97.5	A	G 155	E	G 202	D	H 41	E
-24	A	G 98	D	G 155A	D	G 203	C	H 42	C
-25	D	G 99	D	G 155B	E	G 204.5	A	H 43	A
-26	E	G 100	B	G 155C	E	G 205	B	H 44	A
-27	A	G 101	E	G 155D	D	G 206	C	H 45	B
-28	E	G 102	E	G 155E	C	G 207	C	H 46	C
-29	E	G 103	D	G 155F	C	G 207A	B	H 47	C
-30	A	G 104	E	G 156	B	G 208	D	H 48	D
-31	C	G 105	B	G 157	E	G 209	E	H 49	E
-32	E	G 106	E	G 158	B	G 210	C	H 50	C
-33	C	G 107	E	G 159	A	G 211	C	H 51	E

H 52	B	H 109	B	H 169	C	H 223	A	I 46	A
H 53	E	H 110	E	H 170	E	H 224	B	I 47	C
H 54	C	H 111	B	H 171	B	H 225	B	I 48	C
H 55	E	H 112	A	H 172	D	H 226	A	I 49	B
H 57	A	H 113	B	H 173	C	H 227	C	I 49.5	A
H 58	A	H 114	A	H 174	C	H 228	C	I 50	C
H 59	C	H 115	C	H 175	B	H 230	B	I 51	C
H 60	C	H 116	C	H 176	A	H 231	B	I 53	D
H 61	C	H 117	B	H 177	E	H 232	E	I 54	D
H 62	D	H 118	C	H 178	C			I 56	A
H 63	C	H 119	A	H 179	E			I 57	E
H 64	B	H 120	A	H 180	C			I 58	C
H 65	D	H 121	D	H 181	E	I 0.5	D	I 59	B
H 66	D	H 122	C	H 182	C	I 1	A	I 60	D
H 67	C	H 123	C	H 183	D	I 2	A	I 61	C
H 69	D	H 124	D	H 184	E	I 3	C	I 62	C
H 70	C	H 126	B	H 185	E	I 4	B	I 64	B
H 71	B	H 127	E	H 186	E	I 5	E	I 65	A
H 72	C	H 128	D	H 187	D	I 6	C	I 66	B
H 73	E	H 130	C	H 188	D	I 8	B	I 66.5	A
H 75	C	H 131	E	H 189	E	I 9	D	I 67	E
H 76	C	H 132	A	H 190	C	I 10	B	I 68	D
H 76.5	A	H 133	C	H 191	C	I 11	B	I 69	C
H 77	B	H 134	A	H 192	C	I 12	B	I 70	C
H 78	C	H 135	A	H 193	B	I 16	D	I 71	C
H 79	D	H 136	A	H 194	C	I 17	C	I 72	C
H 80	C	H 137	A	H 195.5	C	I 18	C	I 72A	A
H 81	B	H 138	C	H 196	D	I 19	E	I 73	C
H 82	C	H 139	B	H 197	C	I 20	E	I 73.5	C
H 83	D	H 140	B	H 198	A	I 20.5	B	I 74	C
H 84	A	H 142	C	H 199	A	I 21	E	I 75	D
H 84.5	A	H 143	A	H 200	B	I 22	E	I 76	C
H 85	B	H 144	B	H 201	E	I 23	C	I 76.5	B
H 85.5	A	H 145	A	H 202	A	I 24	A	I 77	D
H 86	B	H 146	E	H 203	B	I 25	B	I 78	B
H 87	D	H 147	E	H 204	C	I 26	C	I 79	E
H 88	B	H 148	C	H 205	E	I 27	B	I 80	E
H 89	E	H 149	C	H 206	B	I 28	C	I 80.5	A
H 90	C	H 150	C	H 207	D	I 29	C	I 81	B
H 91	D	H 150.5	A	H 208	C	I 29.5	C	I 82	D
H 92	C	H 151	B	H 209	E	I 30	B	I 83	A
H 93	B	H 153	B	H 210	E	I 31	D	I 84	C
H 94	B	H 155	B	H 210.5	B	I 32.5	A	I 85	B
H 95	B	H 156	B	H 211	D	I 33	B	I 87	E
H 96	E	H 157	C	H 212	D	I 34	A	I 88	D
H 96.5	A	H 158	E	H 213	D	I 35	E	I 89	D
H 97	D	H 159	B	H 214	B	I 36	D	I 90	E
H 98	B	H 159.5	E	H 214.5	A	I 37	B	I 91	E
H 99	D	H 160	E	H 215	A	I 38	C	I 92	E
H 100	B	H 161	D	H 216	D	I 39	C	I 92xx	C
H 101	C	H 162	C	H 217	D	I 39.5	E	Branches	
H 102	B	H 162xx	A	H 218	C	I 40	D	on Page 11	
H 103	D	H 163	D	H 219	C	I 40xx	D	I 93	B
H 104	A	H 164	C	H 220	C	I 41	C	I 94	C
H 105	B	H 165	C	H 220.5	C	I 42	E	I 95	A
H 106	A	H 166	A	H 220.7	A	I 43	E	I 96	B
H 107	C	H 167	E	H 221	A	I 44	A	I 96.5	B
H 108	C	H 168	B	H 222	C	I 45	E	I 97	C

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I 98	B	J 25.5	B	J 85	C	J 123	C	J 176	B
I 99	D	J 26	B	J 86	B	J 124	C	J 177	E
I 100	C	J 27	A	J 87	B	J 125	C	J 178A	B
I 101	C	J 28	A	J 88	D	J 125.5	B	J 178B	D
I 102	C	J 29	C	J 89	D	J 126	B	J 178C	D
I 103	A	J 30	C	J 90	D	J 127	B	J 178.5	B
I 104	C	J 31	C	J 91	C	J 127.5	D	J 179	E
I 105	C	J 34	C	J 92	C	J 128	B	J 180	D
I 106	E	J 35	E	J 93	C	J 129	B	J 181	E
I 107	C	J 36	A	J 95	C	J 130	B	J 182	E
I 108	C	J 37	A	J 96.1	E	J 131	C	J 183	C
I 109	E	J 38	C	J 96.2	B	J 132	C		
I 110	C	J 39	C	J 96.3	E	J 133	C		
I 111	C	J 40	C	J 96.4	D	J 134	C		
I 111.5	A	J 41	D	J 96.5	E	J 135	A	K 1	B
I 112	C	J 42	C	J 96.6	E	J 136	B	K 2	B
I 113	B	J 43	D	J 96.7	E	J 136.5	E	K 3	C
I 115	A	J 44	C	J 96.8	E	J 137	C	K 4	E
I 116	C	J 45	C	J 96.9	E	J 138	C	K 5	E
I 117	E	J 46	C	J 96.10	E	J 139	C	K 6	B
I 118	D	J 47	B	J 96.11	D	J 140	C	K 7	B
I 119	D	J 48	C	J 96.12	A	J 141	C	K 8	C
I 119.5	D	J 49	C	J 96.13	D	J 142	C	K 9	A
I 119.7	A	J 50	C	J 96.14	C	J 143	C	K 10	D
I 120	B	J 51	E	J 96.15	A	J 144	C	K 11	B
I 122	E	J 52	B	J 96.16	C	J 145	D	K 12	C
I 123	D	J 53	B	J 96-5	C	J 146	B	K 13	C
		J 54	D	J 97	D	J 147	A	K 14	A
		J 55	E	J 98	C	J 148	C	K 15	B
		J 55.5	B	J 99	E	J 149	C	K 16	B
		J 56	E	J 100	D	J 150	E	K 17	B
		J 57	B	J 101	C	J 151	B	K 18	B
		J 58	C	J 102	C	J 152	C	K 19	D
J 1	B	J 59	A	J 103	B	J 153	B	K 20	B
J 2	C	J 61	D	J 104	C	J 154	B	K 21	C
J 3	B	J 62	E	J 105	D	J 156	C	K 22	E
J 4	C	J 63	D	J 105.5	D	J 157	B	K 23	C
J 5	E	J 64	C	J 106	D	J 158	C	K 24	C
J 6	C	J 66	B	J 106A	A	J 159	C	K 25	B
J 7	D	J 67	D	J 107	E	J 160	E	K 26	C
J 8	E	J 68	D	J 108	B	J 161	D	K 27	D
J 9	E	J 69	D	J 108.5	E	J 162	A	K 28	D
J 10	B	J 70	D	J 108.6	C	J 162.5	B	K 29	D
J 11	B	J 71	C	J 109	E	J 163	B	K 30	E
J 12	C	J 72	A	J 109.5	E	J 165	B	K 31	E
J 13	D	J 73	A	J 110	B	J 166	A	K 32	E
J 13.5	A	J 74	D	J 111	D	J 166.5	C	K 33	A
J 14	D	J 75	B	J 112	B	J 167	E	K 34	C
J 15	C	J 75.5	A	J 113	C	J 167.5	B	K 35	C
J 16	D	J 76	B	J 114	C	J 168	C	K 36	B
J 18	C	J 77	B	J 115	D	J 169	D	K 37	C
J 19	C	J 78	C	J 116	B	J 170	E	K 38	C
J 20	D	J 79	C	J 117	C	J 171	C	K 39	D
J 21	D	J 80	D	J 118	A	J 172	C	K 40	C
J 23	C	J 81	C	J 119	C	J 173	A	K 41	C
J 24A	E	J 82	C	J 120	D	J 173.5	B	K 42	C
J 24B	C	J 83	C	J 121	C	J 174	E	K 43	D
J 25	C	J 84	E	J 122	C	J 175	B	K 44	C

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K 45	B	L 16.5	A	L 58	A	L 98	A	L 146	D
K 46	D	L 17	D	L 59	B	L 99	D	L 147	B
K 47	C	L 18	D	L 60.1	E	L 100	D	L 148	C
K 48	D	L 19	D	L 60.2	E	L 101	C	L 149	C
K 49	B	L 20	D	L 60.3	C	L 102	E	L 150	C
K 50	C	L 20.5	C	L 60.4	C	L 103	C	L 151	E
K 51	C	L 21	E	L 60.5	B	L 103.5	A	L 152	D
K 52	D	L 23	C	L 60.6	C	L 104	C	L 153	D
K 53	C	L 23.5	B	L 60.7	A	L 105	D	L 154	C
K 54	D	L 24	E	L 60.8	A	L 106	D	L 155	C
K 54.5	C	L 25	E	L 60.9	D	L 107	B	L 156	E
K 55	C	L 26	E	L 60.10	B	L 108	B	L 157	E
K 55.3	B	L 27	E	L 60.11	C	L 109	B	L 158	E
K 56	C	L 28	C	L 61	D	L 110	B	L 159	C
K 56.5	A	L 29	C	L 62	C	L 111	C	L 160	C
K 57	D	L 30	D	L 63	C	L 112	E	L 161	D
K 58	D	L 32	C	L 64	A	L 113	B	L 162	C
K 59	D	L 34	E	L 65	E	L 114	A	L 163	D
K 60	D	L 35	C	L 65.5	B	L 115	D	L 164	E
K 61	B	L 36	E	L 66	C	L 116	D	L 165	A
K 62	D	L 37	C	L 67	C	L 117	C	L 166	B
K 63	C	L 38	C	L 68	C	L 117.5	B	L 167	D
K 64	A	L 39	E	L 69	B	L 118	D	L 168	D
K 65	C	L 41	B	L 70	C	L 119	B	L 168.5	A
K 66	C	L 42	C	L 71	C	L 120	D	L 169	E
K 67	B	L 43	D	L 72	A	L 121	D	L 170	A
K 68	D	L 44	E	L 73	C	L 122	E	L 170.5	A
K 69	D	L 45	C	L 74	D	L 123	E	L 171	C
K 70	B	L 46	C	L 75	C	L 124	A	L 172	B
K 71	D	L 47	C	L 76	E	L 125	D	L 173	A
K 72	E	L 48	B	L 77	E	L 126	C	L 174	D
K 73	B	L 50	C	L 78	E	L 128	D	L 175	A
K 74	C	L 51	C	L 79	E	L 129	C	L 176	C
		L 52	D	L 80	C	L 129xx	D	L 177	C
		L 53	B	L 81	C	L 130	E	L 178	E
		L 54	C	L 81	C	L 131	D	L 179	C
		L 55.1	E	L 82	C	L 132	E	L 180	D
L 1	A	L 55.2	A	L 83	B	L 133	C	L 181	C
L 2	B	L 55.3	C	L 84	E	L 134	D	L 182	D
L 3	C	L 55.4	E	L 85	D	L 135	D	L 183	E
L 4	A	L 55.5	D	L 86	C	L 136	D	L 184	D
L 5	E	L 55.6	E	L 87	C	L 137	E	L 185	D
L 6	C	L 55.7	D	L 88	C	L 138	D	L 185.5	A
L 7	E	L 55.8	A	L 89	C	L 138.5	A	L 186	E
L 8	D	L 55.9	A	L 90	B	L 139	C	L 187	E
L 9	A	L 55.10	D	L 90.5	A	L 140	B	L 187.5	E
L 10	B	L 55.11	C	L 91	A	L 141	A	L 188	E
L 11	C	L 55.12	D	L 92	C	L 141.5	A	L 189	C
L 12	C	L 55.13	D	L 93	C	L 142	C	L 190	C
L 13	C	L 55.14	A	L 94	C	L 143	C	L 190.5	D
L 14	E	L 56	C	L 95	D	L 144	E	L 191	E
L 15	E	L 56.5	C	L 96	D	L 145	B	L 191.5	B
L 16	D	L 57	E	L 97	C	L 145.5	C	L 192	E
								L 192.5	A

I 92 Branches:

AD	C	C	D
B	C	EF	C
BD	D	EFG	E
BF	E	EG	C

Dots at AB, ABC, AC, AG, BE, BEG, E are all listed but questionable.

CAT # - RATE

M 1	D	M 48	E	M 106B	E	M 161	E	M 208.5	A
M 1.5	A	M 49	C	M 107	A	M 162	E	M 210	C
M 2	D	M 50	E	M 108	A	M 163	C	M 211A	D
M 3	D	M 51	C	M 109	B	M 164	E	M 211B	E
M 4	B	M 52	B	M 110	A	M 165	D	M 212	D
M 5	B	M 53	D	M 111	B	M 166	B	M 213	C
M 6	C	M 54	C	M 112	A	M 167	E	M 214	B
M 7	C	M 55	C	M 113	D	M 167.5	A	M 215	C
M 8	C	M 56	A	M 115	E	M 168	A	M 217	C
M 8.3	B	M 57	E	M 116	B	M 169	B	M 218	D
M 8.5	B	M 58	B	M 117	A	M 170	A	M 219	C
M 9	E	M 59	D	M 118	A	M 171	C	M 220	B
M 10	D	M 60	B	M 119	B	M 172	B	M 221	A
M 10.5	E	M 61	D	M 120	B	M 173	A	M 222	B
M 11	B	M 62	A	M 121	B	M 174	D	M 224	C
M 11.3	B	M 63	B	M 122	B	M 175	B	M 225	C
M 11.5	B	M 64	B	M 123	D	M 176	C	M 226	A
M 12	E	M 66	B	M 123.5	A	M 176.5	A	M 227	E
M 13	C	M 67	C	M 123.7	A	M 177	C	M 228	D
M 14	E	M 68	C	M 124	C	M 178	A	M 230	B
M 15	C	M 69	D	M 125	B	M 180	D	M 231	D
M 16	B	M 70.5	A	M 126	C	M 181	B	M 233	E
M 17	C	M 71	C	M 127	A	M 182	B	M 234	C
M 18	A	M 72	C	M 129	B	M 183	C	M 235	B
M 19	B	M 73	C	M 130	C	M 183.5	C	M 236	B
M 20	C	M 74	D	M 132	C	M 184	E	M 237	D
M 21	C	M 75	C	M 133	C	M 185	C	M 238	C
M 22	B	M 76	A	M 134	B	M 186	A	M 239	C
M 23	C	M 77	B	M 135	A	M 187	C	M 240	B
M 24	A	M 78	E	M 137	C	M 187.5	B	M 241	D
M 25	A	M 79	D	M 140	C	M 188	B	M 242	C
M 26	B	M 81	C	M 141	A	M 188.5	C	M 243	B
M 27	C	M 82	E	M 142	B	M 189	C	M 244	C
M 28	E	M 83	E	M 142.3	A	M 190	E	M 245	C
M 29	B	M 84	C	M 142.5	B	M 191	C	M 246	C
M 30	A	M 84.5	A	M 143	B	M 192	E	M 247	A
M 31	C	M 87	B	M 144	B	M 193	D	M 248	C
M 32	C	M 89	C	M 145	E	M 194	C	M 248.5	C
M 33	D	M 90	E	M 146	C	M 195	D	M 249	E
M 34	D	M 91	B	M 147	B	M 196	C	M 250	D
M 35	B	M 92	C	M 148	E	M 197	C	M 251	B
M 36	C	M 93	A	M 149	C	M 197.5	A	M 252	E
M 37	C	M 95	B	M 150	C	M 198	C	M 253	E
M 38	C	M 96	D	M 151	D	M 199	B	M 254	D
M 39	B	M 97	D	M 152	E	M 200	C	M 256	C
M 40	A	M 98	B	M 153	D	M 201	B	M 257	E
M 40A	C	M 99	D	M 154	E	M 202	D	M 258	C
M 41	C	M 100	C	M 154A	C	M 203	C	M 258.5	D
M 42	C	M 101	C	M 155	C	M 204A	B	M 259	E
M 43	D	M 102	C	M 156	D	M 204B	C	M 260	E
M 44	A	M 103	C	M 157	C	M 205	D	M 261	A
M 45	B	M 104	B	M 158	E	M 207	B	M 262	A
M 46	B	M 105	B	M 159	E	M 207A	B	M 263	C
M 47	E	M 106A	D	M 160	C	M 208	C	M 264	C

CAT # - RATE

M 265	C	N 6	A	N 66	E	N 108.5	B	C OA	A
M 268	E	N 7	E	N 67	E	N 109	E	1	E
M 269	E	N 8	C	N 68	A	N 112	C	2	D
M 270	C	N 9	A	N 69	C	N 113	MLY	3	D
M 271	B	N 10	D	N 70	E	None 0	D	4	C
M 272	D	N 11	D	N 71	C	1	E	5	C
M 272.5	B	N 12	C	N 72	C	2	E	6	C
M 273	C	N 13	D	N 73	C	3	E	6A	C
M 274	C	N 14	B	N 74	B	4	E	7	C
M 275	C	N 15	C	N 75	D	5	D	7A	C
M 276	C	N 16	C	N 76	C	6	C	8	C
M 276.5	B	N 17	C	N 77	D	7	A	9	Arg
M 278	C	N 18	C	N 78	C	11	D	10	D
M 279	D	N 19	C	N 79	C	12	E	11	E
M 280	C	N 20	C	N 80	C	13	E	12	E
M 281	B	N 21	D	N 81	C	14	C	13	D
M 282	C	N 22	C	N 82	B	15	D	14	D
M 283	C	N 23	A	N 83	D	16	E	14A	C
M 285	C	N 24	D	N 84	C	17	A	15	Can
M 286	D	N 26	A	N 85	B	A 0	E	16	Can
M 286.5	A	N 27	E	N 86	B	1	D	D 0	E
M 287	D	N 28	C	N 87	B	1A	D	1	E
M 288	C	N 29	B	N 88	C	2	B	2	D
M 289	D	N 30	D	N 89	C	2A	D	3	D
M 291	D	N 31	C	N 90	D	3	E	3A	D
M 292	C	N 32	C	N 90.5	E	4	E	4	D
M 293	C	N 33	B	N 91	A	5	E	5	D
M 294	A	N 34	C	N 92	D	6	E	5A	C
M 295	D	N 35	C	N 93	B	6A	E	6	E
M 296	D	N 36	C	N 94	B	7	A	10	C
M 297	C	N 37	B	N 95	B	10	A	11	E
M 298	A	N 38	C	N 96	C	11	D	12	E
M 299	D	N 39	C	N 97	B	11A	D	13	E
M 300	D	N 41	E	N 98	C	12B	E	14	E
M 301	C	N 42	D	N 99	E	13	E	15	E
M 302	C	N 43	E	N 100	C	14	D	16	E
M 303	E	N 44	D	N 101	D	15	E	Aa 0	E
M 305	B	N 46	B	N 102	C	16	D	1	E
M 306	C	N 47	E	N 103	D	B 0	C	2	C
M 307	C	N 49	C	N 104	C	1	E	3	E
M 308	B	N 52	C	.1	C	2	C	4	E
M 309	D	N 53	E	.2	A	3	E	5	A
M 310	C	N 54	E	.3	A	4	D	5A	E
M 310.5	B	N 55	A	.4	C	5	Can	6	D
M 311	B	N 56	B	.5	A	6	E	11	D
		N 58	B	.6	C	7	A	12	E
		N 59	C	.10	C	11	D	13	E
		N 60A	D	.11	A	12	D	14	E
		N 60B	E	.12	C	13	A	15	A
		N 61	E	.13	A	13A	D	15A	E
		N 62	C	.14	C	14	E	16	A
N 0.5	B	N 63	A	N 105	C	15	Can	16A	D
N 2	D	N 64	A	N 106	C	16	D	Bb 0	E
N 3	B	N 65	C	N 107	C	C 0	E	1	D
N 5	C			N 108	C				

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N 113	MLY	AB	0	D	N 127	C	N 180	D	0 16	B
Bb 1A	C		1	C	N 128	D	N 181	C	0 17	D
2	C		2	C	N 129	D	N 182	E	0 19	B
2A	C		3	D	N 129.5	E	N 183	E	0 20	B
3	D		4A	D	N 130	E	N 184	E	0 21	B
3A	D		5	D	N 131	E	N 185	B	0 22	D
4	C		6	D	N 132	C	N 186	D	0 23	A
4A	C		7	D	N 133	D	N 187	C	0 24	A
5	D		11	D	N 134	C	N 188	D	0 24.3	A
5A	C		12	C	N 135	D	N 189	D	0 24.5	A
6	D		13	C	N 136	D	N 190	C	0 25	A
6A	C		14	A	N 137	D	N 191	C	0 25.5	A
7	A		15	C	N 138	D	N 192	B	0 26	C
10	A		15.5	A	N 138.5	E	N 193	D	0 27	C
11	E	AB	16	C	N 139	C	N 194	D	0 28	C
12	E	ABb	0	D	N 140	C	N 195	B	0 29	A
13	D		1	D	N 141	C	N 196	D	0 30	B
14	C		2	C	N 142	D	N 197	B	0 31	E
15	E		3	C	N 143	B	N 198	E	0 32	E
16	B		4	D	N 144	A	N 199	C	0 33	D
Cc 0	E		5	C	N 145	D	N 200	C	0 34	C
1	C		5A	C	N 145.5	E	N 201	C	0 36	C
1A	D		6	D	N 146	C	N 202	C	0 36.5	D
2	D		6A	C	N 147	D	N 204	E	0 37	B
3	C		7	C	N 148	D	N 205.1	C	0 38	E
3A	A		7A	C	N 149	C	N 205.2	C	0 39	E
4	Can		8	D	N 150	D	N 205.3	C	0 40	B
5	D		9	D	N 151	E	N 205.4	A	0 41	A
6	C		10	D	N 152	C	N 205.5	A	0 42	B
7	D		11	A	N 153	E	N 206	E	0 43	A
11	D		12	D	N 154	D	N 206.5	C	0 44	B
12	D		13	C	N 155	C	N 207	D	0 45	C
13	C		14	C	N 155.5	A	N 207.5	A	0 46	B
14	C		15	C	N 156	C	N 208	B	0 47	E
15	C		16	D	N 157	D	N 209	C	0 48	E
15A	C	BbDd	0	D	N 158A	E	N 210.5	A	0 49	E
15B	A		11	D	N 158B	D	N 211	E	0 50	D
16	D		12	C	N 161	C	N 212	E	0 51	B
Dd 0	D		13	C	N 162	E	N 213	E	0 52	C
1	E		14	C	N 163	E			0 53	C
2	D	N 113.5A		D	N 164	C			0 55	D
3	D	N 113.5B		E	N 165	D			0 56	E
3A	C			C	N 166	C			0 57	C
4	D			C	N 167	C			0 58	C
4A	A			B	N 168	B			0 59	C
5	Can			D	N 170	D	0 1	B	0 60	E
6	E			A	N 171	A	0 3	B	0 61	D
7	D			C	N 172	D	0 4	C	0 62	B
11	D			C	N 173	D	0 5	D	0 63	B
12	D			C	N 174	D	0 6	C	0 64	D
13	D			E	N 175	C	0 7	B	0 65	C
14	E			E	N 176	D	0 9	B	0 66	B
15	D			C	N 177	B	0 11	E	0 67	E
16	E			A	N 178	B	0 12	D	0 68A	E
17	D			B	N 179	A	0 14	B	0 68B	E
							0 15	B		

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0	69	C	P	20	C	P	56.1	E	P	97	B	P	149	B
0	70	E	P	22	C		.2	E	P	98	A	P	150	E
0	71	C	P	22.5	C		.3	D	P	99	C	P	151	E
0	71.5	A	P	23	C		.4	B	P	100	B	P	152	E
0	73	B	P	24	C		.5	E	P	100.3	A	P	153	C
0	74	D	P	25	D		.6	D	P	100.5	A	P	154	E
0	75	E	P	26	C		.7	D	P	101	D	P	157	B
0	76	E	P	27	A		.8	Ind	P	102	C	P	158	B
0	77	D	P	28	C		.9	E	P	103	B	P	159	A
0	78	C	P	29	C		.10	E	P	104	C	P	160	C
0	79	C	P	30	A		.11	B	P	105	C	P	161	C
0	80	A	P	31	E		.12	A	P	106	C	P	162	B
0	81	B	P	32	C			C	P	107	C	P	163	B
0	82	D	P	33	A			E	P	108	D	P	163.5	B
0	84	C	P	34	A			D	P	109	C	P	164	C
0	85	A	P	34.5	A			B	P	110	A	P	165	C
0	86	C	P	35	B			C	P	111	C	P	165.5	A
0	87	B	P	36	B			C	P	112	C	P	166	C
0	87.5	A	P	37	D			E	P	113	B	P	167	B
0	89	E	P	39	B			D	P	114	C	P	168	C
0	92	C	P	39A	A			C	P	115	D	P	169	A
0	93	C	P	40	E			A	P	116	D	P	170	D
0	94	D	P	41	D			C	P	117	C	P	171	C
0	95	A	P	42	D			E	P	118	C	P	172	B
0	96	C	P	43	E			C	P	119	E	P	173	B
0	97	D	P	44	C			B	P	119.5	C	P	173.5	D
0	97.5	B	P	45	A			C	P	120	C	P	174	E
0	98	A	P	46	B			C	P	121	B	P	175	C
0	99	C	P	47	E			C	P	121.5	C	P	176	D
0	100	C	P	48	B			C	P	122	E	P	177	D
0	101	A	P	49	C			C	P	123	E	P	178	D
0	102	D	P	50	B			B	P	124	E	P	179	E
0	103	C	P	51	D			C	P	125	C	P	180	B
0	104	A	P	51.3	B			C	P	126	C	P	181	D
0	105	C	P	51.5	A			D	P	127	D	P	182	C
			P	52	E			B	P	128	C	P	183	C
			P	53	E			C	P	129	C	P	184	C
			P	54	B			C	P	130	E	P	185	E
			P	55.1	E			D	P	131	E	P	186	C
				.2	C			C	P	132	E	P	187	A
P	2	C		.3	Cu			A	P	133	A	P	188	C
P	3	B		.4	D			A	P	134	C	P	189	C
P	5	B		.5	D			C	P	135	B	P	190	B
P	6	B		.6	C			C	P	136	B	P	191	B
P	7	B		.7	C			C	P	137	C	P	192	C
P	8	C		.8	C			C	P	138	E	P	193	B
P	10	E		.9	Ca			C	P	139	C	P	194	B
P	11	C		.10	Ca			A	P	140	A	P	195	C
P	12	C		.11	D			A	P	141	C	P	196	E
P	13	C		.12	Ca			C	P	142	C	P	197	D
P	14	A		.13	D			C	P	143	C	P	198	D
P	15	E		.14	A			C	P	144	C	P	199	D
P	16	D		.15	A			C	P	146	D	P	200	D
P	17	C		.16	E			C	P	147	C	P	201	C
P	19	E		.17	E			D	P	148	C	P	202A	D

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P	202B	E	P	255	D	R	22	A	R	74	C	R	123	A
P	203	C	P	256	B	R	23	B	R	75	E	R	124	C
P	204	C	P	256.5	A	R	23.5	A	R	75A	C	R	125	C
P	205	D	P	257	B	R	24	C	R	76	A	R	126	D
P	206	D	P	258	B	R	24.5	A	R	77	C	R	127	D
P	208	D	P	259	C	R	25	A	R	79	C	R	128	E
P	209	C	P	260	B	R	26	C	R	80	C	R	128.5	D
P	210	D	P	261	C	R	27	D	R	81	D	R	129	B
P	211	C				R	28	A	R	82	A	R	130	A
P	212	B				R	30	C	R	83	C	R	131	A
P	213	D				R	31	C	R	84	A	R	131.5	C
P	214	C				R	32	C	R	85	A	R	132	B
P	215	E				R	33	B	R	86	A	R	133	B
P	216	C	Q	0.5	A	R	34	D	R	87	D	R	134	C
P	217	C	Q	1	C	R	35	B	R	87.5	E	R	135	C
P	218	C	Q	2	D	R	37	B	R	88	C	R	136	C
P	219	D	Q	3	D	R	39	D	R	89	C	R	137	C
P	220	D	Q	4	B	R	41	C	R	90	B	R	138	C
P	221	C	Q	5	E	R	42	C	R	91	A	R	140	C
P	222	C	Q	6	D	R	43	C	R	92	B	R	141	E
P	223	D	Q	7	B	R	44	D	R	93	C	R	142	C
P	224	D	Q	8	B	R	45	A	R	94	E	R	143	C
P	225	A	Q	9	C	R	46	C	R	95	A	R	145	C
P	225.5	A	Q	10	C	R	47	E	R	96	C	R	146	A
P	226	C				R	47A	C	R	97	E	R	147	B
P	227	E				R	48	A	R	98	E	R	148	B
P	229	C				R	49	B	R	99	C	R	149	A
P	230	C				R	50	C	R	100	C	R	149.5	A
P	231	A				R	51	E	R	101	B	R	151	C
P	232	B	R	2	E	R	52	C	R	102	C	R	152	D
P	234	D	R	3	B	R	53	A	R	103	C	R	153	D
P	235	C	R	4	B	R	54	D	R	104	C	R	154	C
P	236	D	R	5	A	R	55	D	R	105	C	R	156	B
P	237	A	R	6	D	R	56	C	R	106	C	R	157	D
P	238	C	R	7	C	R	57	C	R	107	C	R	158	A
P	239	C	R	8	A	R	58	C	R	108	C	R	159	A
P	240	E	R	9	A	R	59	C	R	109	C	R	160	A
P	241	B	R	10	C	R	60	A	R	110	E	R	161	C
P	242	C	R	11	B	R	61	A	R	111	C	R	162	C
P	243	D	R	12	C	R	62	B	R	112	B	R	163	C
P	244	D	R	13	C	R	63	C	R	112.5	B	R	164	C
P	245	A	R	13.5	B	R	64	C	R	113	C	R	165	B
P	246	E	R	14	A	R	65	B	R	115	D	R	166	A
P	247	B	R	15	C	R	66	C	R	116	C	R	167	B
P	248	C	R	16	C	R	67	C	R	117	C	R	168	B
P	250	B	R	17	C	R	68	C	R	118	C	R	169	C
P	251	B	R	18	B	R	69	C	R	119	D	R	170	C
P	252	C	R	18.5	C	R	70	B	R	120	C	R	171	C
P	253	C	R	19	B	R	71	B	R	121	E	R	172	D
P	253.5	C	R	20	B	R	72	B	R	121A	E	R	173	B
P	254	E	R	21	C	R	73	B	R	122	C			

INTERNATIONAL HARVESTER COMPANY #C 152

No extra	Dist Hole B	2	D	3	C	4	E
0	D	2	D	3	C	4	E
2	D	3	E	4	C	5	D
3	D	4	D	5	D	6	D
4	D	5	D	6	C	7	B
5	D	6	D	7	D	8	D
6	E	7	C	8	E	9	A
7	C	8	E	9	C	10	D
8	D	9	D	10	D	11	C
9	C	10	D	11	C	12	C
10	D	11	E	12	D	13	B
11	E	12	D	13	D	14	C
12	D	13	D	14	C	15	C
13	D	14	D	15	C	16	C
15	B	15	C	16	C	17	C
16	D	16	C	17	C	18	C
17	D	17	C	18	C	19	C
18	D	18	C	19	C	20	C
19	D	19	C	20	C	21	C
20	D	20	C	21	C	22	C
21	D	21	C	22	C	23	C
22	D	22	C	23	C	24	C
23	D	23	C	24	C	25	C
24	D	24	C	25	C	26	C
25	D	25	C	26	C	27	C
26	D	26	C	27	C	28	C
27	D	27	C	28	C	29	C
28	D	28	C	29	C	30	C
29	D	29	C	30	C	31	C
30	D	30	C	31	C	32	C
31	D	31	C	32	C	33	C
32	D	32	C	33	C	34	C
33	D	33	C	34	C	35	C
34	D	34	C	35	C	36	C
35	D	35	C	36	C	37	C
36	D	36	C	37	C	38	C
37	D	37	C	38	C	39	C
38	D	38	C	39	C	40	C
39	D	39	C	40	C	41	C
40	D	40	C	41	C	42	C
41	D	41	C	42	C	43	C
42	D	42	C	43	C	44	C
43	D	43	C	44	C	45	C
44	D	44	C	45	C	46	C
45	D	45	C	46	C	47	C
46	D	46	C	47	C	48	C
47	D	47	C	48	C	49	C
48	D	48	C	49	C	50	C
49	D	49	C	50	C	51	C
50	D	50	C	51	C	52	C
51	D	51	C	52	C	53	C
52	D	52	C	53	C	54	C
53	D	53	C	54	C	55	C
54	D	54	C	55	C	56	C
55	D	55	C	56	C	57	C
56	D	56	C	57	C	58	C
57	D	57	C	58	C	59	C
58	D	58	C	59	C	60	C
59	D	59	C	60	C	61	C
60	D	60	C	61	C	62	C
61	D	61	C	62	C	63	C
62	D	62	C	63	C	64	C
63	D	63	C	64	C	65	C
64	D	64	C	65	C	66	C
65	D	65	C	66	C	67	C
66	D	66	C	67	C	68	C
67	D	67	C	68	C	69	C
68	D	68	C	69	C	70	C
69	D	69	C	70	C	71	C
70	D	70	C	71	C	72	C
71	D	71	C	72	C	73	C
72	D	72	C	73	C	74	C
73	D	73	C	74	C	75	C
74	D	74	C	75	C	76	C
75	D	75	C	76	C	77	C
76	D	76	C	77	C	78	C
77	D	77	C	78	C	79	C
78	D	78	C	79	C	80	C
79	D	79	C	80	C	81	C
80	D	80	C	81	C	82	C
81	D	81	C	82	C	83	C
82	D	82	C	83	C	84	C
83	D	83	C	84	C	85	C
84	D	84	C	85	C	86	C
85	D	85	C	86	C	87	C
86	D	86	C	87	C	88	C
87	D	87	C	88	C	89	C
88	D	88	C	89	C	90	C
89	D	89	C	90	C	91	C
90	D	90	C	91	C	92	C
91	D	91	C	92	C	93	C
92	D	92	C	93	C	94	C
93	D	93	C	94	C	95	C
94	D	94	C	95	C	96	C
95	D	95	C	96	C	97	C
96	D	96	C	97	C	98	C
97	D	97	C	98	C	99	C
98	D	98	C	99	C	100	C
99	D	99	C	100	C	101	C
100	D	100	C	101	C	102	C
101	D	101	C	102	C	103	C
102	D	102	C	103	C	104	C
103	D	103	C	104	C	105	C
104	D	104	C	105	C	106	C
105	D	105	C	106	C	107	C
106	D	106	C	107	C	108	C
107	D	107	C	108	C	109	C
108	D	108	C	109	C	110	C
109	D	109	C	110	C	111	C
110	D	110	C	111	C	112	C
111	D	111	C	112	C	113	C
112	D	112	C	113	C	114	C
113	D	113	C	114	C	115	C
114	D	114	C	115	C	116	C
115	D	115	C	116	C	117	C
116	D	116	C	117	C	118	C
117	D	117	C	118	C	119	C
118	D	118	C	119	C	120	C
119	D	119	C	120	C	121	C
120	D	120	C	121	C	122	C
121	D	121	C	122	C	123	C
122	D	122	C	123	C	124	C
123	D	123	C	124	C	125	C
124	D	124	C	125	C	126	C
125	D	125	C	126	C	127	C
126	D	126	C	127	C	128	C
127	D	127	C	128	C	129	C
128	D	128	C	129	C	130	C
129	D	129	C	130	C	131	C
130	D	130	C	131	C	132	C
131	D	131	C	132	C	133	C
132	D	132	C	133	C	134	C
133	D	133	C	134	C	135	C
134	D	134	C	135	C	136	C
135	D	135	C	136	C	137	C
136	D	136	C	137	C	138	C
137	D	137	C	138	C	139	C
138	D	138	C	139	C	140	C
139	D	139	C	140	C	141	C
140	D	140	C	141	C	142	C
141	D	141	C	142	C	143	C
142	D	142	C	143	C	144	C
143	D	143	C	144	C	145	C
144	D	144	C	145	C	146	C
145	D	145	C	146	C	147	C
146	D	146	C	147	C	148	C
147	D	147	C	148	C	149	C
148	D	148	C	149	C	150	C
149	D	149	C	150	C	151	C
150	D	150	C	151	C	152	C
151	D	151	C	152	C	153	C
152	D	152	C	153	C	154	C
153	D	153	C	154	C	155	C
154	D	154	C	155	C	156	C
155	D	155	C	156	C	157	C
156	D	156	C	157	C	158	C
157	D	157	C	158	C	159	C
158	D	158	C	159	C	160	C
159	D	159	C	160	C	161	C
160	D	160	C	161	C	162	C
161	D	161	C	162	C	163	C
162	D	162	C	163	C	164	C
163	D	163	C	164	C	165	C
164	D	164	C	165	C	166	C
165	D	165	C	166	C	167	C
166	D	166	C	167	C	168	C
167	D	167	C	168	C	169	C
168	D	168	C	169	C	170	C
169	D	169	C	170	C	171	C
170	D	170	C	171	C	172	C
171	D	171	C	172	C	173	C
172	D	172	C	173	C	174	C
173	D	173	C	174	C	175	C
174	D	174	C	175	C	176	C
175	D	175	C	176	C	177	C
176	D	176	C	177	C	178	C
177	D	177	C	178	C	179	C
178	D	178	C	179	C	180	C
179	D	179	C	180	C	181	C
180	D	180	C	181	C	182	C
181	D	181	C	182	C	183	C
182	D	182	C	183	C	184	C
183	D	183	C	184	C	185	C
184	D	184	C	185	C	186	C
185	D	185	C	186	C	187	C
186	D	186	C	187	C	188	C
187	D	187	C	188	C	189	C
188	D	188	C	189	C	190	C
189	D	189	C	190	C	191	C
190	D	190	C	191	C	192	C
191	D	191	C	192	C	193	C
192	D	192	C	193	C	194	C
193	D	193	C	194	C	195	C
194	D	194	C	195	C	196	C
195	D	195	C	196	C	197	C
196	D	196	C	197	C	198	C
197	D	197	C	198	C	199	C
198	D	198	C	199	C	200	C
199	D	199	C	200	C	201	C
200	D	200	C	201	C	202	C
201	D	201	C	202	C	203	C
202	D	202	C	203	C	204	C
203	D	203	C	204	C	205	C
204	D	204	C	205	C	206	C
205	D	205	C	206	C	207	C
206	D	206	C	207	C	208	C
207	D	207	C	208	C	209	C
208	D	208	C	209	C	210	C
209	D	209	C	210	C	211	C
210	D	210	C	211	C	212	C
211	D	211	C	212	C	213	C
212	D	212	C	213	C	214	C
213	D	213	C	214	C	215	C
214	D	214	C	215	C	216	C
215	D	215	C	216	C	217	C
216	D	216	C	217	C	218	C
217	D	217	C	218	C	219	C
218	D	218	C	219	C	220	C
219	D	219	C	220	C	221	C
220	D	220	C	22			

1	B	34	D	82	C	128	D	178	B
2-0	B	35	B	82.5	B	128.5	B	179.5	A
-11	B	36	B	83	C	129	D	180	C
-12	B	37	C	83.5	A	130	D	181	B
-13	B	38	C	84	B	131	E	182	B
-14	B	39	C	85	D	132	E	183	A
-15	C	39.5	B	86	B	133	E	183.5	A
-16	C	40	B	87	B	134	C	184	A
-21	C	40.5	A	88	C	136	C	185	C
-22	E	41	C	89	B	137	C	186	C
-23	E	42	D	90	B	138	D	187	C
-24	E	43	B	91	C	139	B	188	D
-24.5	D	44	A	91.5	C	140	C	189	D
-25	D	45	C	92	C	141	D	190	C
-25.5	C	46	C	92.5	C	142	D	191	E
-26	B	46.5	B	93	A	143	D	192	E
-27	C	47	C	94	C	144	D	193	C
-31	C	48	D	95	B	144.5	A	194	C
-32	C	49	C	96	C	145	B	195.1	B
-33	E	50	C	96.5	A	146	D	.2	C
-34	E	52	B	97	C	147	B	.2.5	B
-34.5	E	53	B	98	C	148	C	.3	D
-41	B	54	B	99	E	149	C	.4	D
3	B	55	D	100	C	150	C	.4.5	B
4	C	55.5	A	101	D	151	C	.5	D
5	D	56	D	102	D	152	D	.6	C
6	B	57	B	103	E	153	C	.7	C
7	C	57.5	A	103.5	A	154	E	.8	C
8	D	58	C	104	A	155	D	.8.5	A
9	E	59	F	105	B	156	D	.9	D
10	D	60	C	106	A	157	D	.9.5	C
11	C	61	C	107	D	158	C	.10	C
12	B	62	C	108	C	159	E	.11	E
13	B	62.5	C	109	C	160	B	.12	C
14	D	63	E	109.5	C	161	C	.13	C
15	C	64	C	110	B	162	E	.14	D
16	C	65	C	111.5	B	163	C	.15	E
17	C	65.5	B	112	C	164	C	.16	C
18	D	66	D	113	C	165	C	.17	B
19	C	67	A	114	C	166	C	.17.5	A
20	C	68	C	115	E	167	E	.18	A
21	C	69	C	116A	C	169	E	.19A	E
22	C	70	C	116B	B	170	E	.19B	C
23	C	71	B	117	C	170.5	E	.20	E
24	B	72	A	118	D	171	B	.21	D
25	E	73	C	120	E	171.5	A	.22	B
26	D	74	A	121	E	172	D	.22.5	A
27	D	75	B	121A	E	173	C	.23	D
28	E	76	C	122	E	174	C	.24	F
29	E	77	C	123	D	174.5	B	.25	D
30	C	78	E	124	B	175	B	.26	E
31	C	79	E	125	C	175.5	A	.27	D
32	B	80	E	126	B	176	D	.28	D
33	C	81	D	127	D	177	C	.29	B

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S 195 Cont.			S 206	B	S 254	C	S 296	B	S 338J	A
.30	D		S 207	C	S 255	C	S 297	C	K	E
.31	B		S 208	B	S 256	C	S 298	B	L	A
.32	D		S 208.5	A	S 257	A	S 299	B	M	A
.33	E		S 209	C	S 258	B	S 300	B	N	A
.34	C		S 210	B	S 259	C	S 301	C	O	A
.35	D		S 211	C	S 260	B	S 302	C	P	A
.35.5	A		S 212	C	S 261	D	S 303	B		D
.36	D		S 213A	E	S 262A	A	S 304	C	S 339	
.37	D		S 213B	D	S 262B	C	S 305	C	S 340	B
.38	D		S 214	D	S 263	C	S 306	C	S 341	E
.38.5	A		S 215	E	S 265	C	S 307	E	S 342	C
.39	D		S 216	E	S 266	C	S 308	D	S 343	D
.40	D		S 217	C	S 267	C	S 309	C	S 344	D
.41	C		S 218	B	S 268	C	S 310	D	S 345	B
.42	B		S 219	C	S 269	B	S 311	C	S 346	B
.43	D		S 220	B	S 270	B	S 312	B	S 347	C
.44	E		S 221	C	S 271	B	S 313	A	S 348	B
.45	C		S 222	C	S 272A	C	S 314	C	S 349	C
.46	C		S 223	C	B	C	S 315	B	S 350	C
.47	A		S 224	C	C	B	S 316	C	S 351	C
.48	D		S 225	C	D	C	S 317	D	S 352	E
.49	D		S 226	C	E	D	S 318	C	S 353	A
.50	C		S 227	B	F	C	S 319	D	S 354	C
.51	C		S 228	C	G	B	S 320	E	S 355	C
.52	C		S 229	B	H	A	S 321	B	S 356	B
.53	C		S 230	B	J	B	S 321.5	B	S 357	C
.54	C		S 231	B	K	B	S 322	E	S 359	D
.55	B		S 232	E	L	B	S 323	B	S 360	C
.56	A		S 233	E		E	S 324	A	S 361	A
.57	D		S 234	E		C	S 325	B	S 362	C
.58	D		S 235	C		B	S 326	D	S 363	D
.58.5	A		S 235.5	A		E	S 327	B	S 364	B
.59	A		S 236	C		E	S 328	D	S 365	C
.60	E		S 237	C		D	S 329	B	S 366	B
.61	E		S 238	D		C	S 330	C	S 367	B
.62	C		S 239	C		D	S 331	B	S 368	E
.63	C		S 240	D		A	S 331.5	A		
.64	D		S 241	D		C	S 332	C		
.65	A		S 242	B		C	S 333	B		
.66	A		S 244	C		E	S 334	C		
S 195.3	A		S 245	C		E	S 335	C	T 1	C
S 195.5	B		S 246	C		C	S 336	C	T 2	A
S 196	C		S 247	C		E	S 337	B	T 3	C
S 197	B		S 248	C		E	S 338A	D	T 4	E
S 198	C		S 249	C		D	B	D	T 5	E
S 199	C		S 249.5	A		B	C	E	T 6	F
S 200	B		S 250	C		C	D	F	T 7	D
S 201	C		S 251	A		B	F	D	T 8	B
S 202	C		S 251.5	B		C	F	D	T 9	C
S 203	E		S 252	B		D	G	C	T 10	C
S 204	F		S 252.5	A		E	H	D	T 11	D
S 205	B		S 253	C		D	I	D	T 12	E
									T 13	B

CAT # - RATE

T 14	D	T 60	C	T 109	A	U 32	D	U 81	B
T 14.5	A	T 61	B	T 109.5	A	U 33	B	U 82.1	F
T 15	A	T 62	B	T 110	C	U 34	A	.2	C
T 16	C	T 63	B	T 111	C	U 35	E	.3	F
T 17	D	T 64	D	T 112	C	U 36	E	.4	F
T 19	C	T 65	E	T 113	B	U 37	B	.5	F
T 20	C	T 66	E	T 114	E	U 38	A	.6	E
T 20A	E	T 67	C	T 115	C	U 39	E	.7	C
T 21	A	T 68	C	T 116	B	U 40	C	.8	C
T 21.5	A	T 69	B	T 117	C	U 41	E	.8.5	E
T 21.5x	A	T 70	A	T 118	C	U 42	C	.9	A
T 22	C	T 71	E	T 119	C	U 43	E	.10	B
T 22A	C	T 72	C	T 118.5	B	U 44	D	.11	B
T 23	E	T 73	B	T 120	B	U 45	C	.12	C
T 24	E	T 74	A	T 121	C	U 46	C	.13	D
T 25	E	T 75	C	T 122	D	U 47	D	.14	E
T 26	C	T 76	C	T 123	C	U 47.5	B	.15	E
T 27	D	T 76.5	C	T 124	D	U 48	D	.16	C
T 28	E	T 77	E	T 125	E	U 49	E	.17	C
T 29	B	T 78	D			U 50	C	.18	B
T 30	D	T 79	C			U 51	A	.19	E
T 31	D	T 79.5	A			U 52	D	82.5	A
T 32	B	T 80	C	U 1	B	U 53	D	U 83	A
T 33	D	T 81	E	U 1.5	A	U 53A	C	U 84	E
T 34	D	T 82	E	U 2	D	U 54	E	U 85	C
T 35	D	T 83	C	U 3	B	U 55	E	U 86	C
T 36	E	T 84	C	U 4	B	U 56	E	U 87	D
T 37	A	T 85	B	U 5	C	U 57	E	U 88	E
T 38	E	T 86	C	U 6	B	U 58	C	U 89	D
T 39	C	T 87	C	U 7	C	U 59	E	U 90	A
T 40	E	T 88	C	U 8	E	U 59A	E	U 91	F
T 41	A	T 88.5	A	U 9	C	U 60	E	U 92	D
T 41.5	A	T 89	B	U 10	B	U 61	E	U 93	B
T 41.7	D	T 90	C	U 11	E	U 62	D	U 94	B
T 42	C	T 91	D	U 12	B	U 63	D	U 95	F
T 43	C	T 92	C	U 13	C	U 64	C	U 96	B
T 43.5	C	T 93	A	U 14	E	U 65	C	U 97	B
T 44	C	T 94	A	U 15	B	U 66	C	U 98	C
T 45	C	T 95	A	U 16	D	U 67	C	U 99	C
T 46	C	T 96	C	U 17	D	U 68	D	U 99.5	A
T 47	E	T 97	D	U 18	C	U 69	B	U 100	E
T 48	C	T 98	C	U 19	D	U 70	B	U 101	F
T 49	C	T 99	C	U 20	C	U 71	B	U 102	B
T 50	C	T 100	C	U 21	C	U 72	E	U 103	D
T 51	C	T 101	C	U 22	C	U 73	E	U 104	B
T 52	B	T 102	C	U 23	E	U 74	C	U 105	D
T 53	C	T 103	C	U 24	E	U 75	D	U 107	C
T 54	E	T 104	B	U 25	C	U 75.3	E		
T 55	D	T 105A	C	U 26	A	U 75.5	D		
T 56	E	T 105B	E	U 27	B	U 76	E		
T 56.5	A	T 106	E	U 28	B	U 77	E		
T 57	D	T 107	B	U 29	D	U 78	C	V 1	E
T 58	C	T 108	B	U 31	B	U 79	C	V 2	B
T 59	C	T 108.5	D			U 80	C	V 3	B

CAT # - RATE

V 4	C	W 7J	A	W 55.5	C	W 72.35	A	W 72.81a	A
V 5	D	W 8A	E	W 56	C	.36	E	.82	B
V 6	D	W 8C	E	W 57	B	.37	D	.83	D
V 7	C	W 8D	D	W 58	C	.38	E	.84	A
V 8	C	W 9	D	W 59	E	.39	C	.85	A
V 9	B	W 9.5	A	W 60	E	.40	A	.86	A
V 10	A	W 10	D	W 61	D	.41	C	.86A	D
V 11	C	W 11	C	W 62	D	.42	C	.87	B
V 12	B	W 12	E	W 63	C	.43	C	.88	C
V 14	C	W 13	E	W 64	A	.44	A		B
V 15	B	W 14	E	W 65	B	.44A	C	W 73	B
V 16	C	W 15	A	W 66	C	.45	D	W 74	B
V 17	D	W 16	C	W 67	B	.46	A	W 75	B
V 19	B	W 16.5	C	W 68	C	.47	D	W 76	E
V 20	C	W 17	C	W 69	E	.48	A	W 77	D
V 21	C	W 17.5	B	W 70	C	.49	A	W 78	C
V 22	C	W 18	B	W 71	B	.50	M	W 79	C
V 22.5	C	W 19	C	W 71.5	A	.50A	A	W 80	C
V 23	E	W 20	C	W 72.1	E	.51	D	W 81	C
V 24	E	W 21	D	.1A	E	.51A	A	W 82	C
V 25	C	W 22	C	.2	D	.52	C	W 83	C
V 26	C	W 23	D	.3	E	.53	E	W 83.5	A
V 27	E	W 24	C	.4	A	.54	A	W 84	E
V 27A	D	W 25	D	.5	A	.55	D	W 85	E
V 28	D	W 26	D	.6	E	.56	D	W 86	C
V 28A	D	W 27	A	.7	C	.57	A	W 87	B
V 29	D	W 28	B	.8	B	.58	A	W 88	D
V 29.5	C	W 29	B	.9	C	.59	A	W 89	C
V 30	C	W 30	B	.10	C	.60	A	W 90	D
V 31	E	W 31	C	.11	C	.61	A	W 91	C
V 32	A	W 32	B	.12	E	.62	A	W 92	E
V 34	A	W 33	B	.13	D	.62.5	C	W 93	A
V 35	B	W 34	B	.14	C	.63	E	W 94	B
		W 35	C	.15	D	.64	B	W 95	A
		W 36	B	.16	A	.64A	D	W 96	C
		W 37	C	.17	D	.65	C	W 97	C
		W 38	E	.18	A	.66	A	W 98	B
W 1	C	W 39	E	.19	C	.66A	C	W 99	B
W 2	D	W 40	D	.20	D	.67	D	W 100	C
W 2.5	A	W 41	C	.21	A	.68	C	W 101	C
W 3	C	W 42	D	.22	A	.69	C	W 102	E
W 4	C	W 43	A	.23	A	.70	E	W 102.5	A
W 5	C	W 44	D	.24	A	.71	D	W 103	B
W 6	E	W 45	B	.25	A	.72	A	W 104	D
W 7A	E	W 46	B	.26	A	.73	D	W 105	C
W 7B	C	W 47	B	.27	D	.74	B	W 106	A
W 7C	E	W 48	B	.28	D	.75	D	W 107	B
W 7D	E	W 49	D	.29	C	.76	E	W 108	B
W 7Da	A	W 50	D	.29.5	A	.77	A	W 109	C
W 7E	C	W 51	C	.30	E	.78	C	W 110	C
W 7F	E	W 52	D	.31	C	.78.5	A	W 111	E
W 7G	C	W 53	C	.32	A	.79	E	W 111.5	E
W 7H	E	W 54	C	.33	E	.80	A	W 112	E
W 7I	D	W 55	C	.34	A	.81	C	W 113	C
								W 114	D

CAT # - RATE

W 115 C	W 162 C	W 199.15 D	X 1 B	Designs	
W 115.5 A	W 163 B	.16 C	Y 0.5 A	De.1	D
W 116 D	W 164 C	.17 E	Y 1 C	De.2	C
W 117 C	W 165 C	.18 A	Y 2 B	De.3	D
W 118 B	W 166 E	.18.5 D	Y 3 A	De.4	C
W 118.5 C	W 167 C	.19 C	Y 4 B	De.5	E
W 119 D	W 168 B	.20 D	Y 5 D	De.6	E
W 120 E	W 169 D	.21 E	Y 6 E	De.7	C
W 121 B	W 170 D	.21.5 A	Y 7 C	De.8	C
W 122 D	W 171 B	.22 D	Y 8 D	De.9	C
W 122.5 B	W 172 B	.23 Can	Y 9 C	De.10	C
W 125 C	W 173 D	.23.5 A	Y 10 C	De.11	E
W 125.5 B	W 174 B	.24 E	Y 11 E	De.12	D
W 126 B	W 174.5 B	.25 E	Y 12 E	De.13	C
W 127 C	W 175 A	.26 E	Z 1 E	De.14	E
W 128 C	W 176 B	W 200 E	Z 2 C	De.15	A
W 129 C	W 177 C	W 201 A	Z 3 B	De.16	A
W 130 C	W 178 C	W 201.5 A	Z 4 D	De.17	C
W 131 D	W 179 B	W 202 C	Z 5 C	De.18	C
W 132 B	W 180 D	W 203.1 D		De.19	B
W 133 C	W 181 B	.2 D		De.20	B
W 134 C	W 182 B	.3 C		De.21	C
W 135 C	W 183 C	.4 B	Numerals	De.22	B
W 136 A	W 184 B	.5 C	No.1 C	De.23	C
W 137 C	W 185 B	.6 D	No.2 B	De.24	B
W 138 E	W 186 C	.7 D	No.3 D	De.25	C
W 139 B	W 187 B	.8 A	No.4 C	De.26	A
W 140 C	W 188 B	.9 C	No.5 B	De.27	C
W 141 C	W 189 B	W 204 B	No.6 E	De.27xx	A
W 142A E	W 190 A	W 205 E	No.7 D	De.28	D
B E	W 190.5 A	W 205A B	No.8 C	De.29	C
C D	W 191 B	W 206 A	No.9 E	De.30	B
D D	W 192 B	W 207 E	No.10 B	De.30.5	B
W 143 E	W 193 D	W 208 D	No.11 A	De.31	C
W 144 C	W 194 B	W 209 C	No.12 E	De.32	C
W 144.5 A	W 195 C	W 210 C	No.13 C	De.33	B
W 145 C	W 196 E	W 211 C	No.14 A	De.35	A
W 146 C	W 197 E	W 212 B	No.15 E	De.35.5	B
W 147 E	W 198 D	W 214 C	No.16 B	De.36	C
W 147.5 E	W 199.1 E	W 214.5 C	No.17 A	De.37	B
W 147.7 A	.2 E	W 215 D	No.18 D	De.38	A
W 148 A	.3 D	W 216 D	No.19 A	De.39	C
W 149 D	.3.5 C	W 217 D	No.20 A	De.40	C
W 150 C	.4 D	W 218 C	No.21 A	De.41	D
W 152 D	.4.5 B	W 219 C	No.22 C	De.42	C
W 153 E	.5 C	W 220 B	No.23 C	De.43	E
W 154A E	.6 C	W 221 D	No.24 C	De.44	C
W 154B E	.7 D	W 222 A	No.25 C		
W 155 E	.8 C	W 223 B	No.26 A		
W 156 C	.9 D	W 224 E	No.27 C		
W 157 C	.10 E	W 225 B	No.28 A		
W 158 C	.11 D	W 226 B	No.29 A		
W 159 C	.12 D	W 227 C	No.30 A		
W 160 C	.13 C	W 228 B			
W 161 B	.14 C				